

Form PTO-1449		Complete if Known						
US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Application Number		09/677,304				
		Filing Date		September 29, 2000				
		First Named Inventor		2834 Yukihisa TAKEUCHI				
		Art Unit		2834				
		Examiner Name		Dougherty, T.				
		Confirmation No.		2413				
Sheet	1	of	1	Attorney Docket No.	789_056 RCE			

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
7mb		4,805,057	02/14/1989	Ogawa et al.		360	109	4/22/1987

U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages etc.)

Examiner:	<i>Thomas M. Dougherty</i>	Date Considered:	7-7-03
-----------	----------------------------	------------------	--------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

11.18.92
P.M.

Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Complete if Known				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/677,304			
(use as many sheets as necessary)				Filing Date	September 29, 2000			
Sheet	1	of	1	First Named Inventor	2834 Yukihisa TAKEUCHI			
				Art Unit	2834			
				Examiner Name	Dougherty, T.			
				Confirmation No.	2413			
				Attorney Docket No.	789_056 RCE			

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
TM5		10/281,373 (claims only)	10/25/2002	Takeuchi et al.	789_055 DIV	—	—

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages etc.)

Examiner:	<u>Thomas M. Dougherty</u>	Date Considered:	7-7-03
-----------	----------------------------	------------------	--------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.